

## **PLOT PLAN REVIEW CHECKLIST**

### FOR EROSION AND SEDIMENT CONTROL PLOT PLANS

Yes No NA

- |                          |                          |                          |       |   |
|--------------------------|--------------------------|--------------------------|-------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-1  | Have temporary and permanent stabilization been addressed in the narrative?<br>Are practices shown on the plan?<br>Temporary and permanent seed specifications?<br>Lime and fertilizer?<br>Mulching?<br>Pavement/Stone?                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-2  | Has stabilization of soil stockpiles, borrow areas, and disposal areas been addressed in the narrative?<br>Are sediment trapping measures provided?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-3  | Has the establishment and maintenance of permanent vegetative stabilization been addressed?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-4  | Does the Plan specifically state that sediment trapping facilities shall be constructed as a first step in land-disturbing activities?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-5  | Does the Plan specifically state that stabilization of earthen structures is required immediately after installation?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-6  | Are sediment traps and sediment basins specified where needed?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-7  | Have temporary and permanent stabilization of cut and fill slopes been adequately addressed?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-8  | Are paved flumes, channels, or slope drains required on cut and fill slopes where necessary?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-9  | Has water seeping from a slope face been addressed (e.g., Surface Roughening, subsurface drains)?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-10 | Is adequate inlet protection required on all operational storm sewer inlets?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-11 | Are outlet protection and/or channel lining required on stormwater conveyance and receiving channels?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-12 | Are in-stream protection measures required so that channel impacts are minimized?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-13 | Are temporary stream crossings of non-erodible material required where applicable?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-14 | (NOTE: This regulation requires that all applicable federal, state and local regulations pertaining to working in or crossing live watercourses be followed.)   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-15 | Has immediate restabilization of areas subject to in-stream construction been adequately addressed?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-16 | Have stabilization of utility trenches and dewatering operations been addressed?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-17 | Is the transport of soil and mud onto public roadways properly controlled? (i.e., Construction Entrances, wash racks, <u>daily cleaning of roadways</u> , transport of sediment to a trapping facility)                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-18 | Has the removal of temporary practices been addressed?<br>Has the removal of accumulated sediment and the final stabilization of the resulting disturbed areas been addressed?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MS-19 | Are properties and waterways downstream from development adequately protected from erosion and sediment deposition due to increases in peak stormwater runoff?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>VICINITY MAP</u> – A small map locating the site in relation to the surrounding area. Include any landmarks which might assist in locating the site.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>INDICATE NORTH</u> – The direction of north in relation to the site.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>LIMITS OF CLEARING AND GRADING</u> – Areas which are to be cleared and graded including listing the size of disturbed area.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>EXISTING CONTOURS</u> – The existing contours of the site.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>FINAL CONTOURS</u> – Changes to the existing contours, including final drainage patterns.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>EXISTING VEGETATION</u> – The existing tree lines, grassed areas, or unique vegetation.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>SOILS</u> – The boundaries of different soil types.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>EXISTING DRAINAGE PATTERNS</u> – The dividing lines and the direction of flow for the different drainage areas. Include the size (acreage) for each drainage area.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>CRITICAL EROSION AREAS</u> – Areas with potentially serious erosion problems. (See the Virginia Erosion and Sediment Control handbook, Chapter 6 for criteria.)  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>SITE DEVELOPMENT</u> – Show all improvements such as buildings, parking lots, driveways, access roads, etc.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>LOCATION OF PRACTICES</u> – The locations of erosion and sediment control and stormwater management practices used on site. Use the standard symbols and abbreviations in Chapter 3 of the Virginia Erosion and Sediment Control handbook. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |       | <u>OFF-SITE AREAS</u> – Identify any off-site land-disturbing activities (e.g., borrow sites, waste areas, etc.). Show location of erosion controls. (Is there sufficient information to assure adequate protection and stabilization?)       |

Yes No N/A

- |                          |                          |                          |   |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <u>DETAIL DRAWINGS</u> – Any structural practices used that are not referenced to the E&S handbook or local handbook should be explained and illustrated with detail drawings.        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <u>MAINTENANCE</u> – A schedule of regular inspections and repair of erosion and sediment control structures should be set forth.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Owner's name.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Name, address, occupation and signature of person preparing the plan if other than a registered design professional.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Property address and County Tax Map identification number.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The scale of the plan.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Property lines and dimensions drawn in accordance with an accurate boundary line survey.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Existing structures (walls, fences, accessory buildings, etc.)  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Distances from all structures to adjoining property lines.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Identification of potential expansive soil types per the Roanoke County Expansive Soil Policy.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Location of floodplain, floodway, and floodway fringe from FEMA Flood Hazard Boundary maps and finished floor elevation or 100 acre water shed per Roanoke County Drainage Standards. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Location, dimensions, and type of all easements.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Proposed or existing location of septic tank, drain field and repair area if applicable; or location of sanitary sewer lines.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Proposed or existing well location if applicable; or location of water service line.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plan to indicate final disposition of all storm water to an approved discharge point.   |